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Benno van Dalen



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- 1 The *zīj* prepared around 1120 by Abū Maṣṣūr 'Abd al-Raḥmān al-Ḥāzinī for the Seljuk ruler Sanjar ibn Malikšāh (reigned 1118-1157) in Marw is one of the most extensive Islamic astronomical handbooks with tables that are extant. It is partially based on newly made observations, contains important innovations with respect to earlier works, and an abridged version of the *Sanjarī Zīj* was translated into Byzantine Greek. No detailed study of the original Arabic work has been finished yet. The present article first lists the extant manuscripts of the *Sanjarī Zīj*, namely Vatican Library, MS arabo 761 and London, British Library, MS Or. 6669 (the manuscript Tehran, Sipahsalar 682 contains the abbreviated version of al-Ḥāzinī's *zīj*). It then collects all known information about the author and briefly discusses eleven important topics from the *zīj*, namely chronology, trigonometry, spherical astronomy, the equation of time, planetary mean motions, lunar parallax, eclipse tables, lunar and planetary visibility, the motion of the comet Kaid, astrological tables, and the star table. The article reproduces four pages from the Vatican manuscript in facsimile.

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